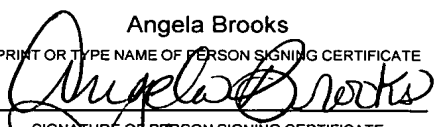




IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appr. : 10/687,324  
Applicant(s) : Robert Urscheler, et al.  
Filed : 10/16/2003  
TC/A.U. : 1762  
Examiner : Katherine A. Bareford  
Title : METHOD OF PRODUCING A MULTILAYER COATED  
SUBSTRATE HAVING IMPROVED BARRIER PROPERTIES

Docket No. : 62733C  
Customer No: 00109

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL WITH SUFFICIENT POSTAGE IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON:  July 31, 2007 DATE OF DEPOSIT Angela Brooks PRINT OR TYPE NAME OF PERSON SIGNING CERTIFICATE  SIGNATURE OF PERSON SIGNING CERTIFICATE July 31, 2007 DATE OF SIGNATURE
---

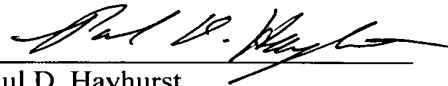
Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT FEE SHEET

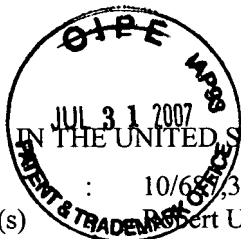
Please charge \$180.00 as required by 37 CFR §1.17(p) to our Deposit  
Account No. 04-1512 for the submission of the attached Information Disclosure Statement.  
If this estimate is incorrect, please charge or credit our account accordingly. This sheet is  
submitted in duplicate.

Respectfully submitted,

  
Paul D. Hayhurst  
Registration No. 30,180  
Phone: 989-636-9373

P. O. Box 1967  
Midland, MI 48641-1967

PDH/ab



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/687,324  
Applicant (s) : Robert Urscheler and Francis Dobler  
Filed : 10/16/2003  
TC/A.U. : 1762  
Examiner : Katherine A. Bareford  
Title : METHOD OF PRODUCING A MULTILAYER COATED  
SUBSTRATE HAVING IMPROVED BARRIER PROPERTIES  
Docket No. : 62733C  
Customer No. : 00109

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS  
FIRST CLASS MAIL WITH SUFFICIENT POSTAGE IN AN ENVELOPE  
ADDRESSED TO: COMMISSIONER OF PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, ON:

*July 31, 2007*  
DATE OF DEPOSIT

Angela R. Brooks

PRINT OR TYPE NAME OF PERSON SIGNING CERTIFICATE

*Angela Brooks*  
SIGNATURE OF PERSON SIGNING CERTIFICATE

*July 31, 2007*  
DATE OF SIGNATURE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the Examiner's attention is directed to the information identified in the attached Form PTO/SB/08a.

The cited U.S. patents and patent application publications are listed on Form PTO/SB/08a. A copy of the cited foreign patent documents are enclosed herewith. The Examiner is requested to review each reference and formulate his/her own understanding thereof.

Respectfully submitted,

*Paul D. Hayhurst*  
Paul D. Hayhurst  
Registration No. 30,180  
Phone: (989) 636-9373

P. O. Box 1967  
Midland, MI 48641-1967

PDH/ejr



PTO/SB/08A (08-03)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10,687,324
Filing Date	10/16/2003
First Named Inventor	Robert Urscheler
Art Unit	1762
Examiner Name	Katherine A. Bareford
Attorney Docket Number	62733C

Sheet 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,861,195	01-19-1999	Bhave et al.	
		US-6,106,902	08-22-2000	Koskinen et al.	
		US-6,120,784	09-19-2000	Snyder, Jr.	
		US-5,236,744	08-17-1993	Suga et al.	
		US-5,393,571	02-28-1995	Suga et al.	
		US-6,419,987	07-16-2002	Bauer et al.	
		US-2003/0064162	04-03-2003	Clarke et al.	
		US-6,780,455	08-24-2004	Clarke et al.	
		US-2004/0052953	03-18-2004	Cohu	
		US-7,172,793	02-06-2007	Cohu	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

Examiner Signature	Date Considered
-----------------------	--------------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number	10,687,324
Filing Date	10/16/2003
First Names Inventor	Robert Urscheler
Art Unit	1762
Examiner Name	Katherine A. Bareford
Attorney Docket Number	62733C

Sheet	2	of	3
-------	---	----	---

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>Form Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

*Complete if Known*

Application Number	10,687,324
Filing Date	10/16/2003
First Named Inventor	Robert Urscheler
Art Unit	1762
Examiner Name	Katherine A. Bareford
Attorney Docket Number	62733C

## NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (option). <sup>2</sup>Applicant is to place a check mark here in English language Translation is attached.

This collection of information is required 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2*